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Savannah River Site (SRS)

UNREVIEWED WASTE MANAGEMENT QUESTION EVALUATION (UWMQE)

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NAMEOU T''	Lipo of Crado 120 Sign in tools also are		
JWMQE Title:	Use of Grade 120 Slag in tank closure grou		
	UWMQE Supported	Documents	
TECHNICAL			
Number:	SDDR #13182	Date: 06/2015	Revision: 0
Number:	USQ-HTF-2015-00300	Date: 08/28/2015	Revision: 0
SUPPORTING	ì		
Number:	SRR-CWDA-2015-00057	Date: 08/27/2015	Revision: 1
Number:		Date:	Revision:
The proposed a Section 3.2.3.3 sither Grade 10 procurement spaceting the grossRS-REG-200	ity Description activity is to allow use of Grade 120 Slag in to of the bulk fill grout procurement specification to or Grade 120 Slag to be used in the waste becification currently specifies that only Grad out fill formulation specifications will inherentl 17-00002) Performance Assessment (PA) as d to the grout not meeting the PA conclusion	on (C-SPP-F-000055, Rev.4) is a tank grout. Section 3.2.3.3 of the 100 Slag Cement may be use by meet the HTF (SRR-CWDA- sumptions, a deviation from the	being proposed to allot the bulk fill grout edWhile tank grout 2010-00128) and FTF especifications does
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1. Uı	reviewed Waste Management Question Evaluation - continued					
b	Does the New Data involve an increase in the radionuclide inventory or chemical constituents evaluated in the approved WD, PA, CA, approved SA(s), and approved UWMQE(s)?					
	Yes 🗆 No 🗵					
Comment	/ Justification:					
	sed activity relates to tank closure grout and does not increase the tank radionuclide inventories or onstituents.					
С.	Would the radionuclide disposal limits need to be changed to					
	implement the proposed activity?					
	Yes No 🗵					
Comment	Justification:					
The propo	ed activity relates to tank closure grout and in no way impacts tank radionuclide inventory.					
	g. a.					
·····						
d.	Is it possible that the Proposed Activity or New Data causes the WD, PA, CA, approved SA(s), or approved UWMQE(s) performance objectives to be exceeded?					
	Yes 🗆 No 🗵					
Comment	Justification:					
120 Slag w he propos as cement	of the grout formula change on the PAs was evaluated in SRR-CWDA-2015-00057 and use of Grade as shown to be consistent with the inputs and assumptions contained within the Tank Farm PAs. Since ed activity does not relax other grout specification requirements (e.g., weight of grout ingredients such sand, water, fly ash, slag, etc) and the tank closure grout will continue to perform as assumed in the PAs, the proposed activity will not impact performance objective compliance.					

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2.	UWN	IQE Originator				
	WD	ne activity within the bounds of the existing , PA, CA or approved SA(s) and approved MQEs?	Yes		No	
	IS a	Special Analysis required?	Yes		No	×
Commo	ent / J	ustification:				
-00057	, the g	d activity is to allow use of Grade 120 Slag in tan rout will continue to perform as assumed, the pr	oposed	l.activity.wi		
		ck one of the following boxes below and forward CANCEL the proposed activity. (Document cal				icable.)
	_	MODIFY the proposed activity.				
	×	PROCEED to PARC approval (if no SA is requi	ired).			
		PROCEED with proposed activity; categorical e	exclusio	on applies.		
		PERFORM Special Analysis.				
Orig	jinator	· Mark H. Layton / . Print	Date:	nh H 9/1/1	Signa Ti	intere :

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3.	UWMQE Peer Reviewer						
	Concur with the UWMQEO's determination? Yes 🛛 No 🗌						
Revie Docui	Comment / Justification: Reviewed the applicable sections of the HTF PA, FTF PA, HTF 3116 Basis Document, and FTF 3116 Basis Document. Also reviewed the UWMQE question responses. I concur with the originator's conclusion that the proposed activity can proceed.						
Peer	Reviewer: Kent H. Rosenberger, Kent H. Rosenberger Signature Date: 9/1/2015						

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6.	PARC Chairman					
	IS the activity consistent with the existing WD? Yes		No 🗆			
	IS a Special Analysis required? Yes		No 🗗			
Comr	nment / Justification:					
	IF a Special Analysis is required, INDICATE the follow-up action by checking one of the following boxes below and return to the UWMQE Originator					
	☐ CANCEL the proposed activity (Document canceled	activities a	as applicable)			
	MODIFY the proposed activity to attempt to eliminate the SA					
	☐ PERFORM SA					
	RC Chairman Joel Cantrell / Print	<u>fact (</u>	Signature 3 2015	_		